

# sukumar Nandi

## List of Publications by Year in descending order

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266  
papers

2,530  
citations

304602

22  
h-index

360920

35  
g-index

281  
all docs

281  
docs citations

281  
times ranked

2038  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new similarity measure using Bhattacharyya coefficient for collaborative filtering in sparse data. Knowledge-Based Systems, 2015, 82, 163-177.	4.0	206
2	A tutorial survey on vehicular communication state of the art, and future research directions. Vehicular Communications, 2019, 18, 100164.	2.7	104
3	Blockchain-Based Adaptive Trust Management in Internet of Vehicles Using Smart Contract. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3616-3630.	4.7	74
4	Route Stability Based QoS Routing in Mobile Ad Hoc Networks. Wireless Personal Communications, 2010, 54, 203-224.	1.8	55
5	An Outlier Detection Method Based on Clustering. , 2011, , .		53
6	A distance based clustering method for arbitrary shaped clusters in large datasets. Pattern Recognition, 2011, 44, 2862-2870.	5.1	42
7	Deciding Handover Points Based on Context-Aware Load Balancing in a WiFi-WiMAX Heterogeneous Network Environment. IEEE Transactions on Vehicular Technology, 2016, 65, 348-357.	3.9	42
8	Multipath TCP for V2I communication in SDN controlled small cell deployment of smart city. Vehicular Communications, 2019, 15, 1-15.	2.7	36
9	Machine learning approach for detection of flooding DoS attacks in 802.11 networks and attacker localization. International Journal of Machine Learning and Cybernetics, 2016, 7, 1035-1051.	2.3	33
10	Managing Smart Home Appliances with Proof of Authority and Blockchain. Communications in Computer and Information Science, 2019, , 221-232.	0.4	33
11	LAN attack detection using Discrete Event Systems. ISA Transactions, 2011, 50, 119-130.	3.1	32
12	Influence of edge weight on node proximity based link prediction methods: An empirical analysis. Neurocomputing, 2016, 172, 71-83.	3.5	32
13	Intrusion detection system for PS-Poll DoS attack in 802.11 networks using real time discrete event system. IEEE/CAA Journal of Automatica Sinica, 2017, 4, 792-808.	8.5	32
14	HDSS: Hierarchical Data Dissemination Strategy for energy optimization in dynamic wireless sensor network under harsh environments. Ad Hoc Networks, 2021, 111, 102348.	3.4	32
15	Detection of neighbor discovery protocol based attacks in IPv6 network. Networking Science, 2013, 2, 91-113.	1.2	30
16	An efficient blockchain-based approach for cooperative decision making in swarm robotics. Internet Technology Letters, 2020, 3, e140.	1.4	30
17	Machine Learning Based Approach to Detect Position Falsification Attack in VANETs. Communications in Computer and Information Science, 2019, , 166-178.	0.4	28
18	Discrete event system framework for fault diagnosis with measurement inconsistency: case study of rogue DHCP attack. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 789-806.	8.5	27

#	ARTICLE	IF	CITATIONS
19	Online Voting System Powered by Biometric Security Using Steganography. , 2011, , .		26
20	Advanced Stealth Man-in-The-Middle Attack in WPA2 Encrypted Wi-Fi Networks. IEEE Communications Letters, 2015, 19, 581-584.	2.5	26
21	Modeling the short-term unfairness of IEEE 802.11 in presence of hidden terminals. Performance Evaluation, 2006, 63, 441-462.	0.9	24
22	Detection of neighbor solicitation and advertisement spoofing in IPv6 neighbor discovery protocol. , 2011, , .		24
23	Impact of Security Attacks on Cooperative Driving Use Case: CACC Platooning. , 2018, , .		24
24	ECS: An enhanced carrier sensing mechanism for wireless ad hoc networks. Computer Communications, 2005, 28, 1970-1984.	3.1	23
25	A Multipath QoS Routing with Route Stability for Mobile Ad Hoc Networks. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2010, 27, 380.	2.1	22
26	Detection of De-Authentication DoS Attacks in Wi-Fi Networks: A Machine Learning Approach. , 2015, , .		22
27	An Efficient Scheme to Detect Evil Twin Rogue Access Point Attack in 802.11 Wi-Fi Networks. International Journal of Wireless Information Networks, 2018, 25, 130-145.	1.8	22
28	Sequencegram: n-gram modeling of system calls for program based anomaly detection. , 2011, , .		21
29	Network specific false alarm reduction in intrusion detection system. Security and Communication Networks, 2011, 4, 1339-1349.	1.0	21
30	Alleviating Hidden and Exposed Nodes in High-Throughput Wireless Mesh Networks. IEEE Transactions on Wireless Communications, 2016, 15, 928-937.	6.1	21
31	An Overview of Digital Audio Steganography. IETE Technical Review (Institution of Electronics and) Tj ETQq1 1 0.784314 rgBT /Overlo 2.1 21	2.1	21
32	Detection of NDP based attacks using MLD. , 2012, , .		20
33	QoS Aware Stable path Routing (QASR) Protocol for MANETs. , 2008, , .		19
34	A comparative survey of approximate adders. , 2016, , .		19
35	Length based network steganography using UDP protocol. , 2011, , .		18
36	Detection of De-authentication Denial of Service attack in 802.11 networks. , 2013, , .		18

#	ARTICLE	IF	CITATIONS
37	Analysis and Design of Adders for Approximate Computing. Transactions on Embedded Computing Systems, 2018, 17, 1-28.	2.1	18
38	CPESP: Cooperative Pseudonym Exchange and Scheme Permutation to preserve location privacy in VANETs. Vehicular Communications, 2019, 20, 100183.	2.7	18
39	Emotion Dynamics of Public Opinions on Twitter. ACM Transactions on Information Systems, 2020, 38, 1-24.	3.8	18
40	A host based DES approach for detecting ARP spoofing. , 2011, , .		17
41	Effective data summarization for hierarchical clustering in large datasets. Knowledge and Information Systems, 2015, 42, 1-20.	2.1	17
42	Temporal link prediction in multi-relational network. World Wide Web, 2018, 21, 395-419.	2.7	17
43	A robust compressed domain video watermarking in P-frames with controlled bit rate increase. , 2013, , .		16
44	Performance modeling and evaluation of IEEE 802.11 IBSS power save mode. Ad Hoc Networks, 2014, 13, 336-350.	3.4	16
45	MPFSLP: Masqueraded Probabilistic Flooding for Source-Location Privacy in VANETs. IEEE Transactions on Vehicular Technology, 2020, 69, 11383-11393.	3.9	16
46	An adaptive hierarchical data dissemination mechanism for mobile data collector enabled dynamic wireless sensor network. Journal of Network and Computer Applications, 2021, 186, 103097.	5.8	16
47	Distance Based Fast Hierarchical Clustering Method for Large Datasets. Lecture Notes in Computer Science, 2010, , 50-59.	1.0	16
48	A dynamic balanced-energy sleep scheduling scheme in heterogeneous wireless sensor network. , 2008, , .		15
49	NDoT: Nearest Neighbor Distance Based Outlier Detection Technique. Lecture Notes in Computer Science, 2011, , 36-42.	1.0	15
50	Analysis, Modeling and Optimization of Equal Segment Based Approximate Adders. IEEE Transactions on Computers, 2019, 68, 314-330.	2.4	15
51	Exploiting Bhattacharyya Similarity Measure to Diminish User Cold-Start Problem in Sparse Data. Lecture Notes in Computer Science, 2014, , 252-263.	1.0	15
52	InOvIn: A fuzzy-rough approach for detecting overlapping communities with intrinsic structures in evolving networks. Applied Soft Computing Journal, 2020, 89, 106096.	4.1	15
53	Defense against outside attacks in wireless sensor networks. Computer Communications, 2008, 31, 818-826.	3.1	14
54	Modified Optimized Link State Routing (M-OLSR) for Wireless Mesh Networks. , 2008, , .		14

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55	Proportional fairness in MAC layer channel access of IEEE 802.11s EDCA based wireless mesh networks. Ad Hoc Networks, 2013, 11, 570-584.	3.4	14
56	Preventing COVID-19 Spread Using Information and Communication Technology. IEEE Consumer Electronics Magazine, 2021, 10, 18-27.	2.3	14
57	IEEE 802.11s Mesh Backbone for Vehicular Communication: Fairness and Throughput. IEEE Transactions on Vehicular Technology, 2013, 62, 2193-2203.	3.9	13
58	Weight based clustering in wireless sensor networks. , 2013, , .		13
59	Performance Modeling and Analysis of IEEE 802.11 IBSS PSM in Different Traffic Conditions. IEEE Transactions on Mobile Computing, 2015, 14, 1644-1658.	3.9	13
60	MATEM: A unified framework based on trust and MCDM for assuring security, reliability and QoS in DTN routing. Journal of Network and Computer Applications, 2018, 104, 1-20.	5.8	13
61	ML-Based Approach to Detect DDoS Attack in V2I Communication Under SDN Architecture. , 2018, , .		13
62	Machine Learning Based Approach to Detect Wormhole Attack in VANETs. Advances in Intelligent Systems and Computing, 2019, , 651-661.	0.5	13
63	An empirical approach towards characterization of encrypted and unencrypted VoIP traffic. Multimedia Tools and Applications, 2020, 79, 603-631.	2.6	13
64	Detection of Packet Length Based Network Steganography. , 2010, , .		12
65	Context Aware Handover Management: Sustaining QoS and QoE in a Public IEEE 802.11e Hotspot. IEEE Transactions on Network and Service Management, 2014, 11, 530-543.	3.2	12
66	Fault resilience in sensor networks: Distributed node-disjoint multi-path multi-sink forwarding. Journal of Network and Computer Applications, 2015, 57, 85-101.	5.8	12
67	Energy Efficient Approach to Detect Sinkhole Attack Using Roving IDS in 6LoWPAN Network. Communications in Computer and Information Science, 2020, , 187-207.	0.4	12
68	On performance improvement issues in unordered Tuple Space based Mobile Middleware. , 2010, , .		11
69	Stealth and semi-stealth MITM attacks, detection and defense in IPv4 networks. , 2012, , .		11
70	Detection of stealth Man-in-the-Middle attack in wireless LAN. , 2012, , .		11
71	Towards reducing false alarms in network intrusion detection systems with data summarization technique. Security and Communication Networks, 2013, 6, 275-285.	1.0	11
72	A Multihop Routing Protocol for Wireless Sensor Network based on Grid Clustering. , 2015, , .		11

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73	LandLedger: Blockchain-powered Land Property Administration System. , 2019, , .		11
74	Layered Higher Order N-grams for Hardening Payload Based Anomaly Intrusion Detection. , 2010, , .		10
75	Modeling an Enhanced Tuple Space Based Mobile Middleware in UNITY. , 2012, , .		10
76	Obfuscated malware detection using API call dependency. , 2012, , .		10
77	Exploring Approximate Computing for Yield Improvement via Re-design of Adders for Error-Resilient Applications. , 2016, , .		10
78	QoS Constrained Adaptive Routing Protocol For Mobile Adhoc Networks. , 2006, , .		9
79	Implementation and performance evaluation of AODV in Wireless Mesh Networks using NS-3. , 2010, , .		9
80	Application of stochastic discrete event system framework for detection of induced low rate TCP attack. ISA Transactions, 2015, 58, 474-492.	3.1	9
81	Exploiting reciprocity toward link prediction. Knowledge and Information Systems, 2018, 55, 1-13.	2.1	9
82	PGIREM: Reliability-Constrained IR Drop Minimization and Electromigration Assessment of VLSI Power Grid Networks Using Cooperative Coevolution. , 2018, , .		9
83	EvadePDF: Towards Evading Machine Learning Based PDF Malware Classifiers. Communications in Computer and Information Science, 2019, , 140-150.	0.4	9
84	PowerPlanningDL: Reliability-Aware Framework for On-Chip Power Grid Design using Deep Learning. , 2020, , .		9
85	Secure user-identification and key distribution scheme preserving anonymity. International Journal of Security and Networks, 2008, 3, 201.	0.1	8
86	Distance based fast outlier detection method. , 2010, , .		8
87	A Tree-Based Local Repairing Approach for Increasing Lifetime of Query Driven WSN. , 2011, , .		8
88	An architectural framework for seamless handoff between IEEE 802.11 and UMTS networks. Wireless Networks, 2013, 19, 411-429.	2.0	8
89	A technique for classification of VoIP flows in UDP media streams using VoIP signalling traffic. , 2014, , .		8
90	A Blockchain-Based Approach for Usage Based Insurance and Incentive in ITS. , 2019, , .		8

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91	Fast Single-Link Clustering Method Based on Tolerance Rough Set Model. Lecture Notes in Computer Science, 2009, , 414-422.	1.0	8
92	An Active Intrusion Detection System for LAN Specific Attacks. Lecture Notes in Computer Science, 2010, , 129-142.	1.0	8
93	Power Efficient and Low Latency MAC for Wireless Sensor Networks. , 2006, , .		7
94	A Route Stability Based Multipath QoS Routing (SMQR) in MANETs. , 2008, , .		7
95	A Zone Based Interleaved Scanning Technique for Fast Handoff in IEEE 802.11 Wireless Networks. , 2009, , .		7
96	Research and application of One-class small hypersphere support vector machine for network anomaly detection. , 2011, , .		7
97	An Active Detection Mechanism for Detecting ICMP Based Attacks. , 2012, , .		7
98	Steganalysis of Network Packet Length Based Data Hiding. Circuits, Systems, and Signal Processing, 2013, 32, 1239-1256.	1.2	7
99	MCRD: Motion coherent region detection in H.264 compressed video. , 2013, , .		7
100	ADCROSS: Adaptive Data Collection from Road Surveilling Sensors. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 2049-2062.	4.7	7
101	Distributed Service Level Flow Control and Fairness in Wireless Mesh Networks. IEEE Transactions on Mobile Computing, 2015, 14, 2229-2243.	3.9	7
102	Energy efficient secure communication architecture for wireless sensor network. Security and Communication Networks, 2016, 9, 3314-3323.	1.0	7
103	Leader Election in Cooperative Adaptive Cruise Control Based Platooning. , 2018, , .		7
104	Survey of Textbased Chatbot in Perspective of Recent Technologies. Communications in Computer and Information Science, 2019, , 84-96.	0.4	7
105	Misbehavior Detection in C-ITS Using Deep Learning Approach. Advances in Intelligent Systems and Computing, 2020, , 641-652.	0.5	7
106	Aloe: Fault-Tolerant Network Management and Orchestration Framework for IoT Applications. IEEE Transactions on Network and Service Management, 2020, 17, 2396-2409.	3.2	7
107	Machine Learning Approach for Fast Electromigration Aware Aging Prediction in Incremental Design of Large Scale On-chip Power Grid Network. ACM Transactions on Design Automation of Electronic Systems, 2020, 25, 1-29.	1.9	7
108	Robust Mutual Authentication for Low-cost RFID Systems. , 2006, , .		6

#	ARTICLE	IF	CITATIONS
109	Service differentiation using priority-based MAC protocol in MANETs. International Journal of Internet Protocol Technology, 2010, 5, 115.	0.2	6
110	MCDM based trust model for secure routing in Wireless Mesh Networks. , 2011, , .		6
111	Analysis of VBR coded VoIP for traffic classification. , 2013, , .		6
112	Context Aware Inter-BSS Handoff in IEEE 802.11 Networks: Efficient Resource Utilization and Performance Improvement. Wireless Personal Communications, 2014, 77, 2587-2614.	1.8	6
113	On the Security of Remote Key Less Entry for Vehicles. , 2018, , .		6
114	Accuracy enhancement of equal segment based approximate adders. IET Computers and Digital Techniques, 2018, 12, 206-215.	0.9	6
115	Aloe: An Elastic Auto-Scaled and Self-stabilized Orchestration Framework for IoT Applications. , 2019, , .		6
116	A Cross-layer QoS Mapping Framework for Mobile Ad Hoc Networks. IETE Technical Review (Institution) Tj ETQq0 0.0 rgBT /Overlock 10 2.1 5		6
117	Impacts of refresh interval parameters on M-OLSR performance for Wireless Mesh Networks. , 2009, , .		5
118	TCP performance for WLAN-GPRS handover in an Intermediate Switching Network based framework. , 2011, , .		5
119	A new tuple space structure for tuple space based mobile middleware platforms. , 2012, , .		5
120	Evaluating transport protocol performance over a wireless mesh backbone. Performance Evaluation, 2014, 79, 198-215.	0.9	5
121	Tuple space enhancements for mobile middleware. International Journal of Communication Networks and Distributed Systems, 2014, 12, 299.	0.3	5
122	A High-Performance Energy-Efficient Hybrid Redundant MAC for Error-Resilient Applications. , 2015, , .		5
123	Markov Chain Model Using LÃ©vy Flight for VLSI Power Grid Analysis. , 2017, , .		5
124	EQPR: Enhancing QoS in Named Data Networking using Priority and RTT Driven PIT Replacement Policy. , 2019, , .		5
125	Smart Contract Based Decentralized Parking Management in ITS. Communications in Computer and Information Science, 2019, , 66-77.	0.4	5
126	BRAIN: Buffer Reservation Attack PreventIoN Using Legitimacy Score in 6LoWPAN Network. Communications in Computer and Information Science, 2020, , 208-223.	0.4	5



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127	Distributed Location and Lifetime Biased Clustering for Large Scale Wireless Sensor Network. Lecture Notes in Computer Science, 2006, , 534-545.	1.0	5
128	Hybrid Precoding Algorithm for Millimeter-Wave Massive MIMO-NOMA Systems. Electronics (Switzerland), 2022, 11, 2198.	1.8	5
129	Enhancing Route Recovery for QAODV Routing in Mobile Ad Hoc Networks. Parallel Architectures, Algorithms and Networks (I-SPAN), Proceedings of the International Symposium on, 2008, , .	0.0	4
130	Stealth steganography in visual cryptography for half tone images. , 2008, , .		4
131	Data Summarization Based Fast Hierarchical Clustering Method for Large Datasets. , 2009, , .		4
132	A reliable and total order tree based broadcast in wireless sensor network. , 2011, , .		4
133	IDS for ARP spoofing using LTL based discrete event system framework. Networking Science, 2013, 2, 114-134.	1.2	4
134	Beyond conventional routing protocols: Opportunistic path selection for IEEE 802.11s mesh networks. , 2013, , .		4
135	Vertical Handover Over Intermediate Switching Framework: Assuring Service Quality for Mobile Users. Wireless Personal Communications, 2014, 77, 507-527.	1.8	4
136	FLIPPER: Fault-tolerant distributed network management and control. , 2017, , .		4
137	Fast and Secure Handoffs for V2I Communication in Smart City Wi-Fi Deployment. Lecture Notes in Computer Science, 2018, , 189-204.	1.0	4
138	Blockchain based Security Framework for P2P Filesharing system. , 2018, , .		4
139	Using Digital Tokens to Improve Amortized Performance of eSign. , 2018, , .		4
140	An Adaptive and Lightweight Solution to Detect Mixed Rate IP Spoofed DDoS Attack in IoT Ecosystem. , 2018, , .		4
141	CCAPS: Cooperative Context Aware Privacy Scheme for VANETs. , 2019, , .		4
142	Elliptic Curve Cryptography Based Mechanism for Secure Wi-Fi Connectivity. Lecture Notes in Computer Science, 2019, , 422-439.	1.0	4
143	ML for IEEE 802.15. 4e/TSCH: Energy Efficient Approach to Detect DDoS Attack Using Machine Learning. , 2021, , .		4
144	Designing a Blockchain Based Framework for IoT Data Trade. Communications in Computer and Information Science, 2020, , 295-308.	0.4	4

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145	Priority Based Fairness Provisioning QoS-Aware MAC Protocol. , 2007, , .		3
146	Securing Wireless Sensor Networks Against Spurious Injections. , 2007, , .		3
147	Performance analysis of IEEE 802.11 IBSS power save mode using a discrete-time markov model. , 2012, , .		3
148	Detection of packed malware. , 2012, , .		3
149	A Behaviour based Framework for Worm Detection. Procedia Technology, 2012, 6, 1011-1018.	1.1	3
150	Detection and Mitigation of Induced Low Rate TCP-Targeted Denial of Service Attack. , 2012, , .		3
151	MAC layer fairness in IEEE 802.11 DCF based Wireless Mesh Networks. , 2012, , .		3
152	Architectures of mobile middleware: A taxonomic perspective. , 2012, , .		3
153	A novel crash-tolerant data gathering in wireless sensor networks. , 2012, , .		3
154	Convergecast tree management from arbitrary node failure in sensor network. Ad Hoc Networks, 2013, 11, 1796-1819.	3.4	3
155	Exploring gradient in sensor deployment pattern for data gathering with sleep based energy saving. , 2013, , .		3
156	Evaluating the effect of path diversity over QoS and QoE in a high speed indoor mesh backbone. , 2014, , .		3
157	Controlling Unfairness due to Physical Layer Capture and Channel Bonding in 802.11n+s Wireless Mesh Networks. , 2015, , .		3
158	MAC Layer Channel Access and Forwarding in a Directional Multi-Interface Mesh Network. IEEE Transactions on Mobile Computing, 2015, 14, 565-578.	3.9	3
159	Evaluating the Effectiveness of Soft K-Means in Detecting Overlapping Clusters. , 2016, , .		3
160	Improving MPTCP Performance by Enabling Sub-Flow Selection over a SDN Supported Network. , 2018, , .		3
161	Attention based English-Bodo Neural Machine Translation System for Tourism Domain. , 2019, , .		3
162	LORD: LOW Rate DDoS Attack Detection and Mitigation Using Lightweight Distributed Packet Inspection Agent in IoT Ecosystem. , 2019, , .		3

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163	Quality of Service provisioning in Named Data Networking via PIT entry reservation and PIT replacement policy. Computer Communications, 2020, 155, 166-183.	3.1	3
164	PGOpt: Multi-objective design space exploration framework for large-Scale on-chip power grid design in VLSI SoC using evolutionary computing technique. Microprocessors and Microsystems, 2021, 81, 103440.	1.8	3
165	Context Aware Mobile Initiated Handoff for Performance Improvement in IEEE 802.11 Networks. Communications in Computer and Information Science, 2011, , 243-253.	0.4	3
166	Tolerance Rough Set Theory Based Data Summarization for Clustering Large Datasets. Lecture Notes in Computer Science, 2011, , 139-158.	1.0	3
167	A Scalable Rekeying Scheme for Secure Multicast in IEEE 802.16 Network. Communications in Computer and Information Science, 2011, , 472-481.	0.4	3
168	ArsPAN: Attacker Revelation Scheme using Discrete Event System in 6LoWPAN based Buffer Reservation Attack. , 2020, , .		3
169	Seamless V2I Communication in HetNet: State-of-the-Art and Future Research Directions. , 2020, , 37-83.		3
170	LLM:Low Latency MAC Protocol for Wireless Sensor Networks. , 2006, , .		2
171	An efficient data structure for storing network intrusion detection dataset. , 2008, , .		2
172	Bivariate gamma distribution: A plausible solution for joint distribution of packet arrival and their sizes. , 2010, , .		2
173	A Scalable Energy Efficient and Delay Bounded Data Gathering Framework for Large Scale Sensor Network. , 2011, , .		2
174	E-AODV for Wireless Mesh Networks and Its Performance Evaluation. , 2011, , .		2
175	Exploit detection techniques for STP using distributed IDS. , 2011, , .		2
176	A Scalable and Secure Key Distribution Mechanism for Multicast Networks. , 2012, , .		2
177	Performance optimization in single channel directional multi-interface IEEE 802.11s EDCA using beam prioritization. , 2012, , .		2
178	Link prediction on evolving social network using spectral analysis. , 2013, , .		2
179	RelBAS: Reliable data gathering from border area sensors. , 2013, , .		2
180	An outlier detection method based on cluster pruning. , 2014, , .		2

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181	QoS associated path selection in wireless mesh networks. , 2014, , .		2
182	Early detection of VoIP network flows based on sub-flow statistical characteristics of flows using machine learning techniques. , 2014, , .		2
183	Selective greedy routing: exploring the path diversity in backbone mesh networks. <i>Wireless Networks</i> , 2014, 20, 1995-2017.	2.0	2
184	Evaluation of the end-to-end TCP performance for vertical handover using intermediate switching network. <i>International Journal of Communication Networks and Distributed Systems</i> , 2014, 12, 327.	0.3	2
185	Dynamic Tree Switching for Distributed Message-Passing Applications. <i>Journal of Network and Systems Management</i> , 2015, 23, 1-40.	3.3	2
186	Leveraging the trade-off between spatial reuse and channel contention in wireless mesh networks. , 2016, , .		2
187	Impact of redundant sensor deployment over data gathering performance: A model based approach. <i>Journal of Network and Computer Applications</i> , 2016, 67, 26-42.	5.8	2
188	Intrusion detection system for identification of throughput degradation attack on TCP. , 2016, , .		2
189	Approxhash. , 2017, , .		2
190	Towards implementing fast and scalable Network Intrusion Detection System using Entropy based Discretization Technique. , 2020, , .		2
191	Smart inter-operable vehicular communication using hybrid IEEE 802.11p, IEEE 802.16d/e technology. <i>International Journal of Communication Systems</i> , 2021, 34, e4847.	1.6	2
192	Seamless Handoff between IEEE 802.11 and GPRS Networks. <i>Lecture Notes in Computer Science</i> , 2010, , 84-90.	1.0	2
193	A Strict Priority Based QoS-Aware MAC Protocol for Mobile Ad Hoc Networks. <i>Lecture Notes in Computer Science</i> , 2008, , 121-132.	1.0	2
194	Multi-density Clustering Algorithm for Anomaly Detection Using KDD'99 Dataset. <i>Communications in Computer and Information Science</i> , 2011, , 619-630.	0.4	2
195	CARMA: Cellular Automata Based Remote Mutual Authentication Scheme. , 2006, , .		1
196	A priority based QoS-Aware MAC protocol (PQAMP) in mobile ad hoc networks. , 2008, , .		1
197	A Single Chip Implementation of AES Cipher and Whirlpool Hash Function. , 2009, , .		1
198	Achieving MAC layer fairness in wireless mesh backbone based vehicular network. , 2011, , .		1

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199	A mechanism to recover voice from logged VoIP sessions based on RTP. , 2011, , .		1
200	Secure Network Steganographic Scheme Exploiting TCP Sequence Numbers. Communications in Computer and Information Science, 2011, , 281-291.	0.4	1
201	Supporting Tuple Space based Mobile Middleware over unreliable mobile infrastructures: Design and formal specifications. , 2012, , .		1
202	Enhanced service differentiation using priority-based MAC protocol for MANETs. International Journal of Communication Networks and Distributed Systems, 2012, 8, 149.	0.3	1
203	Achieving fairness for multi-class traffic in directional multi-interface IEEE 802.11s MCCA. , 2012, , .		1
204	Formalization of discovery and communication mechanisms of Tuple Space based Mobile Middleware for underlying unreliable infrastructure. , 2012, , .		1
205	Security in Mobile agent systems with Locator mechanism. , 2012, , .		1
206	CRP: Cluster head Re-election Protocol for heterogeneous wireless sensor networks. , 2013, , .		1
207	Energy-Efficient Data Gathering for Road-Side Sensor Networks Ensuring Reliability and Fault-Tolerance. , 2013, , .		1
208	Surpassing flow fairness in a mesh network: How to ensure equity among end users?. , 2013, , .		1
209	Topology Management Ensuring Reliability in Delay Sensitive Sensor Networks with Arbitrary Node Failures. International Journal of Wireless Information Networks, 2014, 21, 262-279.	1.8	1
210	Defending concealedness in IEEE 802.11n. , 2014, , .		1
211	Probabilistic model checking of IEEE 802.11 IBSS power save mode. International Journal of Wireless and Mobile Computing, 2014, 7, 465.	0.1	1
212	Data rate, path length and network contention trade-off in IEEE 802.11s mesh networks: A dynamic data rate selection approach. Computer Networks, 2015, 91, 225-243.	3.2	1
213	Adaptive path selection for high throughput Heterogeneous Wireless Mesh Networks. , 2015, , .		1
214	&lt;sup>2&lt;/sup>-diagnosability framework for detection of Advanced Stealth Man in the Middle attack in Wi-Fi networks. , 2015, , .		1
215	Survey and analysis of Modern Authentication system. , 2016, , .		1
216	Contrast various tests for primality. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
217	A Time Aware Method for Predicting Dull Nodes and Links in Evolving Networks for Data Cleaning. , 2016, , .		1
218	Incremental Approach for Detecting Arbitrary and Embedded Cluster Structures. Lecture Notes in Computer Science, 2016, , 220-233.	1.0	1
219	Application specific processor design implementation to monitor seismic activity. , 2016, , .		1
220	Primary Path Effect in Multi-Path TCP. , 2017, , .		1
221	Scalability of correlation clustering. Pattern Analysis and Applications, 2018, 21, 703-719.	3.1	1
222	Publicly Verifiable Secret Sharing Scheme in Hierarchical Settings Using CLSC over IBC. Advances in Intelligent Systems and Computing, 2018, , 194-205.	0.5	1
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